

Title: Thermal Structure Analysis Engineer

Responsibility:

Perform various types of thermal analysis for aircraft structure and systems. Construct and analyse thermal finite element models. Conduct uncoupled and sequential analysis by defining conduction, convection and radiation behavior for the structure. Knowledge of fully coupled heat transfer analysis with inelastic material behavior and fluid structure interaction will be an added advantage

Domain expertise required:

Aeronautical/ Mechanical Engineer with experience from aircraft industry.

Technology expertise required:

Strength of materials, thermal capabilities and methodologies, linear and non-linear analysis. Working knowledge of IDEAS-TMG, ABAQUS, HYPERMESH, PYTHON / FORTRAN.

To apply:

Send your latest CV to thermal.aeci@airbus.com